

3.600 St. Louis
West Lake SLF

CO-WMP

recorded

JOHN ASHCROFT
Governor

FREDERICK A. BRUNNER
Director



STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

St. Louis Regional Office
8460 Watson Road, Suite 217
St. Louis, MO 63119
314-849-1313

Division of Energy
Division of Environmental Quality
Division of Geology and Land Survey
Division of Management Services
Division of Parks and
Historic Preservation

August 19, 1986

Mr. William Whitaker
President
West Lake Landfill, Inc.
13570 St. Charles Rock Road
Bridgeton, MO 63044

State West Lake LDF
ID# MBD079900932
Book 111.2
Other 001 2
8-19-86

RECEIVED
AUG 22 1986

WASTE MANAGEMENT
PROGRAM

Dear Mr. Whitaker:

Enclosed is a report of an inspection conducted at the West Lake Sanitary Landfill on August 13, 1986. Unsatisfactory features were detected as indicated in the report.

Please provide a written response to this office within 30 days outlining the steps taken to correct the problem.

Should you have any questions concerning this report, please contact me at the St. Louis Regional Office.

Sincerely,

ST. LOUIS REGIONAL OFFICE

Joe Haake
Joe Haake

Acting Chief - Waste Management Unit

JH:dl

Attachments.

CC: ✓ Central Office - Waste Management Program
City of Bridgeton
St. Louis County Health Department

40249202



SUPERFUND RECORDS

DNR 0065

3.600 St. Louis County
West Lake SLF

SOLID WASTE FACILITY INSPECTION REPORT

FACILITY

West Lake Landfill, Inc.
St. Louis County
Sanitary Landfill
MDNR Permit # 118912

INTRODUCTION

An inspection of the West Lake Sanitary Landfill was conducted on August 13, 1986, to assess compliance with applicable requirements pursuant to the Missouri Solid Waste Management Law. Joe Haake, Environmental Specialist, represented the Missouri Department of Natural Resources - St. Louis Regional Office. Mr. Rick Albrecht represented the facility.

UNSATISFACTORY FEATURE

Exposed waste was present on the north slope.

DISCUSSION

Exposed waste was again observed at eroded sections of the upper north slope. Exposed waste was also noted just above the haul road leading down the slope and at the toe of the slope near the east wall of the quarry. However, at the time of the inspection additional cover was being applied to the slope.

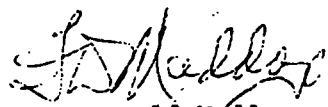
Adequate spreading and compacting of the waste at the working face appeared adequate. A large stockpile of cover soil was available. The number 1 leachate collection well in the quarry pit was functional and leachate is being pumped out on a regular basis.

RECOMMENDATION

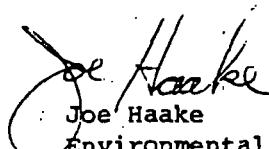
Complete covering the exposed waste on the north slope.

Should you have any questions concerning this inspection report, please contact the St. Louis Regional Office.

APPROVED BY:


F. Donald Maddox
Regional Administrator
St. Louis Regional Office

PREPARED BY:


Joe Haake
Environmental Specialist
St. Louis Regional Office

FDM:JH:dl

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITY

Annual Inspection ☒
Reinspection ☐

SANITARY LANDFILL SURVEILLANCE RECORD

Date: 8-13-86 Days/Week Open: 6
Name of Sanitary Landfill: WEST LAKE SANITARY LANDFILL
Permit No: 118912 County: ST. LOUIS COUNTY
Owner: WEST LAKE LANDFILL, INC. Operator: WEST LAKE LANDFILL, INC.
Address: 13570 ST. CHARLES ROCK RD. Address: 13570 ST. CHARLES ROCK RD.
BRIDGETON 63042 BRIDGETON 63042

I. Special Conditions and Approved Modifications

- A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. impermeable barrier, limited excavation, exceptions to daily cover requirements)
X Yes No
- B. Is the sanitary landfill operation in compliance with the special conditions or approved modifications? (If "No," describe violations under "REMARKS.")
X Yes No

II. Check Types of Waste Accepted

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Municipal solid waste	<u>X</u>	<u>X</u>	<u>X</u>
Bulky waste	<u>X</u>	<u>X</u>	<u>X</u>
Dead animals			
Incinerator residue	<u>APPROVED</u>	<u>X</u>	
Demolition and construction waste			
Brush and untreated wood waste			
Septic tank pumpings			
Wastewater treatment plant sludges			
OTHER SLUDGES (SPECIFY)			
LIQUIDS (SPECIFY)			
INDUSTRIAL PROCESS WASTES (SPECIFY)			
HAZARDOUS WASTES (SPECIFY)			
OTHER WASTES (SPECIFY)			

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III. Remaining Life of Landfill

- A. Estimated amount of solid waste coming through gate.
Compacted loads 211,500 yds/wk tons/wk
Noncompacted loads yds/wk tons/wk
- B. Estimated volume of remaining landfill covered by approved engineering plans.
 acre feet 25 years

INSPECTION FORM
DISTRIBUTION LIST

Owner X
Operator X
City BRIDGETON
County Court
Consulting Engineer
Solid Waste Program CO-WIND
Regional Office File X
Others ST. LOUIS CO HEALTH DEPT

IV. Satisfactory Compliance Subsections Regulations 80-3.010

Check all subject: SAT — Satisfactory; UNS — Unsatisfactory. (If necessary describe "UNS" violations under "Remarks.")

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
SOLID WASTE ACCEPTED			
(2)(C)2	Bulky solid waste crushed on solid ground and pushed onto working face near bottom of the cell.	X	
(2)(C)3	Small dead animals covered immediately with soil or solid waste. Large dead animals placed in pit and covered with four feet compacted soil.	X	
(2)(C)4	Disposal of dewatered sludges on working face along with municipal solid waste.	X	
(2)(C)5	Incinerator and air pollution control residues prevented from becoming airborne.	X	
(3) SOLID WASTE EXCLUDED			
(3)(C)1	No unpermitted waste accepted.	X	
(3)(C)2	Sign posted at entrance listing excluded wastes.	X	
(4) SITE SELECTION			
(4)(C)1	Site accessible in all weather conditions. Temporary roads provided for delivery to working face.	X	
(6) WATER QUALITY			
(6)(C)1	Surface water courses and runoff properly diverted from the landfill. Sanitary landfill construction and grading to promote rapid surface water runoff without excessive erosion.	X	
(6)(C)2	Leachate collection and treatment systems utilized where necessary to protect ground and surface water resources.	X	
(6)(C)3	No ground or surface water in contact with solid waste.	X	
(7) AIR QUALITY			
(7)(C)	No open burning without written permission of the proper air pollution agency and the Division.	X	
(8) GAS CONTROL			
(8)(C)	Implementing decomposition gas control plan as necessary to prevent problems.	X	
(9) VECTORS			
(9)(C)	Vector control programs implemented when necessary to prevent or rectify vector problems.	X	
(10) AESTHETICS			
(10)(C)1	Litter control devices utilized near working face and elsewhere as needed. Litter collected from fences, and the ground surface, and incorporated into the daily cell at the end of each day or containerized.	X	
(10)(C)2	Wastes easily moved by wind covered as necessary to prevent their becoming airborne and scattered.	X	
(10)(C)3	On-site vegetation and natural windbreaks being utilized to improve appearance and operation of the sanitary landfill.	X	

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
(10) AESTHETICS (Continued)			
(10)(C)4	Salvaged materials removed daily or stored in aesthetically acceptable containers or enclosures.	X	
(11) COVER MATERIAL			
(11)(C)1	Daily cover applied regardless of weather in not less than a six inch layer. Cover material available in all weather conditions.	X	
(11)(C)2	Intermediate cover applied to all areas idle for more than 60 days in a layer not less than one foot after compaction.		X
(11)(C)3	Final cover applied on each area as completed in a layer not less than two feet after compaction.	X	
(12) COMPACTION			
(12)(C)1	Adequate equipment on-site, operated daily.	X	
(12)(C)1A	Solid waste spread in layers not to exceed two feet and confined to smallest practical area.	X	
(12)(C)1B	Wastes compacted to smallest practical volume.	X	
(12)(C)1C	Cover material compacted as much as practical.	X	
(12)(C)2	Preventive maintenance performed.	X	
(12)(C)3	Daily task operating manual provided.	X	
(13) SAFETY			
(13)(C)1	Fire extinguishers provided on oil equipment.	X	
(13)(C)2	Provisions for extinguishing fires in waste, equipment, and structures.	X	
(13)(C)3	Communication equipment available.	X	
(13)(C)4	Scavenging prohibited.	X	
(13)(C)5	Controlled access to site by established roadways and limited to hours when operating personnel are on duty.	X	
(13)(C)6	Traffic controlled and directed to designated disposing points.	X	
(13)(C)7	Site dust controlled for safety purposes and to prevent nuisances.	X	
(14) RECORDS			
(14)(C)1A	Records of major problems and complaints.	X	
(14)(C)1B	Monitoring record maintained. a. leachate sampling and analyses. b. gas sampling and analyses. c. ground and surface water analyses.	X	
(14)(C)1C	Records of vector control efforts.	X	
(14)(C)1D	Records of dust and litter control efforts.	X	
(14)(C)1E	Records of quantity of waste handled.	X	
(14)(C)1F	Records of description, sources, and volume of special wastes listed in Subsection (3)(A).	X	

V. Operation Proceeding in Accordance with Approved Engineering Plans? (If "NO," describe violations under "Remarks.")

X Yes No

REMARKS EXPOSED WASTE AT ERODED SECTIONS OF NORTH SLOPE.

(Attach additional sheets as necessary.)

BY

[Signature]

SIGNATURE OF INVESTIGATOR